Curriculum Vitae: Markus Arndt

Personal Information

Birth	14.09.1965, Unkel/Rh. (Germany)
Nationality	Germany
Marital status	Married, 2 children
Address	Rögergasse 11/6-7, A-1090 Vienna
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Research Interests

Matter-wave optics with (Bio)molecules & Nanoparticles
Quantum-assisted metrology & quantum decoherence
Quantum Linearity at the interface to Gravity & Complexity
Beam methods, cooling, trapping with large biomolecules and Nanoparticles
Cavity cooling of dielectric nanoparticles

Career development

since 2008	Full Professor of Quantum Nanophysics at University of Vienna,
2004 - 2008	Professor of Quantum Nanophysics at University of Vienna,
2002	Docent / Ao. Univ. Prof. at University of Vienna (Habilitation)
1999 - 2002	Universitätsassistent at University of Vienna, with Anton Zeilinger.
1997 - 1998	Postdoc at University of Innsbruck, with Anton Zeilinger.
1995 - 1997	Postdoc at Ecole Normale Supérieure, Paris with Jean Dalibard
1994 - 1995	Postdoc at MPQ, Garching, with A. R. Weis and T. W. Hänsch
1991 - 1994	PhD (LMU, Munich) at MPQ, Garching: with A. R. Weis and T. W. Hänsch
1990 - 1991	Diploma Work at LMU Munich, with Herbert Walther

Professional activities

Since 3/2016	Speaker of the Vienna Doctoral School in Physics
3/2013-2/2016	Coordinator of the EU STREP NANOQUESTFIT
2013 - 2015	PI & Founding member of the Research Platform QuNaBioS
10/2012-9/2014	Dean of the Faculty of Physics, University of Vienna
1/2007-9/2012	Speaker of the Faculty Research Group (University of Vienna) Quantum optics, Quantum nanophysics and Quantum information
2006 - 2013	Speaker of the Vienna FWF Graduate Program Complex Quantum Systems
2007 - 2011	Coordinator of the ESF network: Molecule Interferometry & Metrology MIME
2008 - 2013	Member of the Steering Committee to the ESF Casimir Network

Awards and Research Prizes

2013	Prize for Natural and Technical Sciences, City of Vienna
2012	ERC Advanced Grant, European Research Council
2008	Wittgenstein Prize, Ministry for Science and Research, BMWF & FWF
2006	Science Communication Award (3rd), Austrian Science Fund (FWF)
2001	START Prize, Ministry of Education, Science & Culture & (FWF)
2000	Fritz-Kohlrausch Prize, Austrian Physical Society (ÖPG)
2000	Erich-Schmid-Prize, Austrian Acad. of Sciences (ÖAW), with G. Springholz

Distinguished fellowships & memberships

Since 2014	Corresponding Member, Austrian Academy of Sciences (ÖAW)
2008-2013	Member Junge Kurie, Austrian Academy of Sciences (ÖAW)
1996-1997	DFG research fellowship
1995-1996	Feodor-Lynen fellowship, Alexander von Humboldt foundation
1986-1991	Fellowship, Studienstiftung des deutschen Volkes

Distinctions for review activities

2014	*Outstanding Referee* for the journals of the American Physical Society (APS)